

APPARATUS AND METHOD FOR DETECTING A MOVING OBJECT IN AMOTION PICTURE

Abstract of the Disclosure:

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An apparatus and method for detecting a moving object in a sequence of color frame images is provided. The apparatus comprises a color normalizer (100) for normalizing color components of the color frame image to produce a normalized frame image; a color transformer coupled to the color normalizer
10 for color transforming the normalized frame image to a color transformed frame image; the color transformed frame image having intensity levels such that colors corresponding to said moving object are emphasized; a frame delay coupled to the color transformer for delaying the color transformed frame image by one frame; and a motion detector coupled to the color transformer
15 and the frame delay for detecting the motion of the moving object and further intensifying the intensity levels of the color transformed frame image based on the detected motion.

0944250-030704